

State Form 52541 (2-06)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality - Permits Branch 100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem/air/permits/index.html

NOTES:

- · The purpose of this form is to specify the emission factors used to calculate potential to emit from the combustion unit.
- Complete one PI-02G form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02G form to summarize the units.
- Detailed instructions for this form are available online at www.in.gov/idem/air/permits/apps/instructions/pi02Ginstructions.html.
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,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Emis	ssion Factors				
Th	is table identifies all emission factors used to calculate	e air emissions from the	combustion unit			
1.	Unit ID: Unit 120 (11PS H-200)					
2.	Air Pollutant:	3. Emission Facto		4. Source of Emission Factor		
		value units	(if not using	AP-42, include	calculations)	
	Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A	
	Lead (Pb)		☐ AP-42	Other	□ N/A	
	Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A	
l	Nitrogen Oxides (NO _X)		☐ AP-42	Other	□ N/A	
<u> </u>	Mercury (Hg)		☐ AP-42	☐ Other	□ N/A	
	Particulate Matter (PM)		☐ AP-42	Other	□ N/A	
	Particulate Matter less than 10µm (PM ₁₀)		☐ AP-42	Other	□ N/A	
	Particulate Matter less than 2.5μm (PM _{2.5})		☐ AP-42	Other	□ N/A	
	Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A	
	Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	Other	□ N/A	



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Emis	sion Factors		in the school of		
This table identifies all emission factors used to calculate	air emissions from the	combustion ur	il t		
1. Unit ID : Unit 130 (12PS H-101A and H-101B)					
2. Air Pollutant:	3. Emission Factor	4. Source	of Emission	Factor	
	value units	(if not usl	ng AP-42, include	rde calculations)	
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A	
Lead (Pb)		☐ AP-42	Other	□ N/A	
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A	
Nitrogen Oxides (NO _X)		☐ AP-42	Other	□ N/A	
Mercury (Hg)		☐ AP-42	Other	□ N/A	
Particulate Matter (PM)		☐ AP-42	Other	□ N/A	
Particulate Matter less than 10μm (PM ₁₀)		AP-42	Other	□ N/A	
Particulate Matter less than 2.5μm (PM _{2.5})		☐ AP-42	Other	□ N/A	
Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A	
Volatile Organic Compounds (VOC)		☐ AP-42	Other		
Other (specify):		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	Other	 	
Other (specify):		☐ AP-42	Other	□ N/A	



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E	mission Factors				
This table identifies all emission factors used to calcu	late air emissions from the	combustion u	it.		
1. Unit ID: Unit 130 (12PS H-102)					
2. Air Pollutant:	3. Emission Factor	4. Source	of Emission I	actor	
	value units	(if not usi	ng AP-42, include	nclude calculations)	
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	☐ Other	□ N/A	
Lead (Pb)		☐ AP-42	Other	□ N/A	
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A	
Nitrogen Oxides (NO _x)		☐ AP-42	Other	□ N/A	
Mercury (Hg)		☐ AP-42	Other	□ N/A	
Particulate Matter (PM)		☐ AP-42	Other	□ N/A	
Particulate Matter less than 10µm (PM ₁₀)		☐ AP-42	Other	□ N/A	
Particulate Matter less than 2.5μm (PM _{2.5})		☐ AP-42	Other	□ N/A	
Sulfur Dioxide (SO ₂)		AP-42	Other	□ N/A	
Volatile Organic Compounds (VOC)		☐ AP-42	Other	 ☐ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	



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	Emission Factors					
This	table identifies all emission factors used to calculate	air emissions from the	e combustion u	nit.		
1.	Unit ID: Unit 720 (DHT B-601A)					
2.	Air Pollutant:	3. Emission Facto		e of Emission I	2 中央中央政策等 可能的 不同的	
		value units	(if not us	ng AP-42, include calculations)		
	Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A	
	Lead (Pb)		☐ AP-42	Other	□ N/A	
	Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A	
L	Nitrogen Oxides (NO _x)		☐ AP-42	Other	□ N/A	
	Mercury (Hg)		☐ AP-42	Other	□ N/A	
	Particulate Matter (PM)		☐ AP-42	Other	□ N/A	
	Particulate Matter less than 10µm (PM ₁₀)		☐ AP-42	Other	□ N/A	
	Particulate Matter less than 2.5μm (PM _{2.5})		AP-42	Other	□ N/A	
	Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A	
	Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	☐ Other	□ N/A	
	Other (specify):		☐ AP-42	☐ Other	□ N/A	



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Em	ission Factors				
This table identifies all emission factors used to calcula	ate air emissions from the	combustion ur	iit.		
1. Unit ID: Unit 210 (BOU F-401)					
2. Air Pollutant:	3. Emission Factor	4. Source	of Emission F	actor	
	value units	(if not usir	ng AP-42, include	calculations)	
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	☐ Other	□ N/A	
Lead (Pb)		☐ AP-42	Other	□ N/A	
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A	
Nitrogen Oxides (NO _X)		AP-42	Other	□ N/A	
Mercury (Hg)		☐ AP-42	Other	□ N/A	
Particulate Matter (PM)		AP-42	☐ Other	 □ N/A	
Particulate Matter less than 10μm (PM ₁₀)		AP-42	Other	 □ N/A	
Particulate Matter less than 2.5μm (PM _{2.5})		□ AP-42	Other	□ N/A	
Sulfur Dioxide (SO ₂)		☐ AP-42	☐ Other	 □ n/a	
Volatile Organic Compounds (VOC)			Other	 □ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	



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2	Emission Factors				
Th	is table identifies all emission factors used to calculate	air emissions from the	combustion un	it.	
1.	Unit ID: Unit 802 (GOHT F-901A, F-901B)				
2.	Air Pollutant:	3. Emission Factor		of Emission F	
35		value units	(if not usin	g AP-42, include	calculations)
	Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A
	Lead (Pb)		☐ AP-42	Other	□ N/A
	Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A
İ	Nitrogen Oxides (NO _X)		☐ AP-42	Other	□ N/A
J.	Mercury (Hg)		☐ AP-42	Other	□ N/A
	Particulate Matter (PM)		AP-42	Other	□ N/A
	Particulate Matter less than 10μm (PM ₁₀)		☐ AP-42	Other	 ☐ N/A
	Particulate Matter less than 2.5µm (PM _{2.5})		☐ AP-42	Other	□ N/A
	Sulfur Dioxide (SO ₂)		☐ AP-42	Other	 N/A
	Volatile Organic Compounds (VOC)		□ AP-42	Other	
	Other (specify):		☐ AP-42	Other	□ N/A
	Other (specify):		☐ AP-42	Other	□ N/A
	Other (specify):		☐ AP-42	Other	□ N/A



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Emis	sion Factors			
This table identifies all emission factors used to calculate	e air emissions from the c	combustion un	i t.	
1. Unit ID: Unit 802 (GOHT Flare)				
2. Air Pollutant:	3. Emission Factor	And the second of the second o	of Emission I g AP-42, include	
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A
Lead (Pb)		☐ AP-42	Other	□ N/A
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A
Nitrogen Oxides (NO _X)		☐ AP-42	Other	□ N/A
Mercury (Hg)		☐ AP-42	Other	□ N/A
Particulate Matter (PM)		☐ AP-42	Other	□ N/A
Particulate Matter less than 10μm (PM ₁₀)		☐ AP-42	Other	□ N/A
Particulate Matter less than 2.5µm (PM _{2.5})		☐ AP-42	Other	□ N/A
Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A
Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	☐ Other	□ N/A



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Emis	ssion Factors			
This table identifies all emission factors used to calculat	e air emissions from the c	combustion un	iit.	
1. Unit ID: Unit 800 (H-201, H-202, and H-203)				
2. Air Pollutant:	3. Emission Factor	Albania da Maria da Arabania d	of Emission F ig AP-42, include	- 1 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A
Lead (Pb)		☐ AP-42	Other	□ N/A
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A
Nitrogen Oxides (NO _x)		☐ AP-42	Other	□ N/A
Mercury (Hg)		☐ AP-42	Other	□ N/A
Particulate Matter (PM)		☐ AP-42	Other	□ N/A
Particulate Matter less than 10μm (PM ₁₀)		☐ AP-42	Other	□ N/A
Particulate Matter less than 2.5μm (PM _{2.5})		☐ AP-42	Other	N/A
Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A
Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	☐ Other	□ N/A
Other (specify):		☐ AP-42	☐ Other	□ N/A
Other (specify):		☐ AP-42	Other	□ N/A



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This table identifies all emission factors used to calculat	This table identifies all emission factors used to calculate air emissions from the combustion unit.					
1. Unit ID : Unit 801 (HU-1 and HU-2)						
2. Air Pollutant:	3. Emission Factor	4. Source	of Emission	Factor		
	value units	(if not usir	ng AP-42, include	calculations)		
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A		
Lead (Pb)	4 7 7	☐ AP-42	Other	N/A		
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A		
Nitrogen Oxides (NO _x)		AP-42	Other	□ N/A		
Mercury (Hg)		☐ AP-42	Other	□ N/A		
Particulate Matter (PM)		☐ AP-42	☐ Other	□ N/A		
Particulate Matter less than 10μm (PM ₁₀)		AP-42	Other	□ N/A		
Particulate Matter less than 2.5µm (PM _{2.5})		☐ AP-42	Other	□ N/A		
Sulfur Dioxide (SO ₂)	***************************************	☐ AP-42	Other	□ N/A		
Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A		
Other (specify):		☐ AP-42	☐ Other	□ N/A		
Other (specify):		☐ AP-42	Other	□ N/A		
Other (specify):		☐ AP-42	☐ Other	□ N/A		



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1.	Unit ID: Unit 800 (HU Flare)					
2.	Air Pollutant:	3. Emission Factor		of Emission F	The first and the second second distribution in	
		value units	(if not usir	ng AP-42, include		
	Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A	
	Lead (Pb)		☐ AP-42	Other	□ N/A	
	Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A	
l	Nitrogen Oxides (NO _X)		☐ AP-42	Other	□ N/A	
<u> </u>	Mercury (Hg)		☐ AP-42	Other	□ N/A	
	Particulate Matter (PM)		☐ AP-42	Other	□ N/A	
	Particulate Matter less than 10μm (PM ₁₀)		☐ AP-42	Other	□ N/A	
	Particulate Matter less than 2.5µm (PM _{2.5})		☐ AP-42	Other	□ N/A	
	Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A	
	Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	Other	□ N/A	
	Other (specify):		☐ AP-42	☐ Other	□ N/A	
	Other (specify):		☐ AP-42	☐ Other	□ N/A	



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 Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

Emission Factors					
This table identifies all emission factors used to calculate	air emissions from the	combustion unit			
1. Unit ID: Unit 210 (ISOM H-1)		· · · · · · · · · · · · · · · · · · ·			
2. Air Pollutant:	3. Emission Factor	4. Source o	f Emission I	Factor	
	value units	(if not using	AP-42, include	calculations)	
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	☐ Other	□ N/A	
Lead (Pb)		☐ AP-42	Other	□ N/A	
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	☐ Other	□ N/A	
Nitrogen Oxides (NO _X)		☐ AP-42	Other	□ N/A	
Mercury (Hg)		☐ AP-42	Other	□ N/A	
Particulate Matter (PM)		☐ AP-42	Other	□ N/A	
Particulate Matter less than 10μm (PM ₁₀)		☐ AP-42	Other	□ N/A	
Particulate Matter less than 2.5μm (PM _{2.5})		☐ AP-42	Other	□ N/A	
Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A	
Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	☐ Other	□ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	
Other (specify):		☐ AP-42	Other	□ N/A	



State Form 52541 (2-06)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch 100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem/air/permits/index.html

NOTES:

- . The purpose of this form is to specify the emission factors used to calculate potential to emit from the combustion unit.
- Complete one PI-02G form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02G form to summarize the units.
- Detailed instructions for this form are available online at www.in.gov/idem/air/permits/apps/instructions/pi02Ginstructions.html.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality.
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Emis	ssion Factors			
This table identifies all emission factors used to calculat	e air emissions from the c	combustion un	it.	
1. Unit ID: Unit 800 (South Flare)				
2. Air Pollutant:	3. Emission Factor		of Emission I ng AP-42, include	
Carbon Monoxide (CO)	Please refer to Appendix C.	☐ AP-42	Other	□ N/A
Lead (Pb)		☐ AP-42	Other	□ N/A
Hazardous Air Pollutant (HAP) (specify):		☐ AP-42	Other	□ N/A
Nitrogen Oxides (NO _x)		☐ AP-42	Other	□ N/A
Mercury (Hg)		☐ AP-42	Other	□ N/A
Particulate Matter (PM)		☐ AP-42	Other	□ N/A
Particulate Matter less than 10µm (PM ₁₀)		☐ AP-42	☐ Other	□ N/A
Particulate Matter less than 2.5μm (PM _{2.5})		☐ AP-42	Other	□ N/A
Sulfur Dioxide (SO ₂)		☐ AP-42	Other	□ N/A
Volatile Organic Compounds (VOC)		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	Other	□ N/A
Other (specify):		☐ AP-42	☐ Other	□ N/A